



## Walker River Health Center



### Executive Summary

Summarizes the Site, Parking, Facility Size, Staff and Contract Health Dollars necessary for the Service Delivery Plan in 2015. Identifies the Direct Care Services Offered to include highlighting any new services. Identifies the communities and population served for each service. The second page of the Executive Summary documents the priority resource issues as identified through the Master Planning process.

### Historical Utilization by Location of Encounter

Documents 3 years of RPMS and contract care workloads provided at the facility predominantly serving the Primary Care Service Area by product line and specialty.

### Historical Utilization by Community of Residence

Documents 3 years of RPMS and contract care workloads provided to the user population of the Service Delivery Area by product line and specialty.

### Market Assessment

Compares the Historical Workload to the Health System Planning software and to national averages of patient care utilization, projecting future workloads based upon the worst case of these three planning scenarios. Also documents the percentage of care that will require contracting due to acuity and the quantity of care that can potentially be served by the direct care system.

### Service Delivery Plan

Recommended service delivery plan by product line based upon projected workload, key characteristics, patient classification and tribal and IHS input.

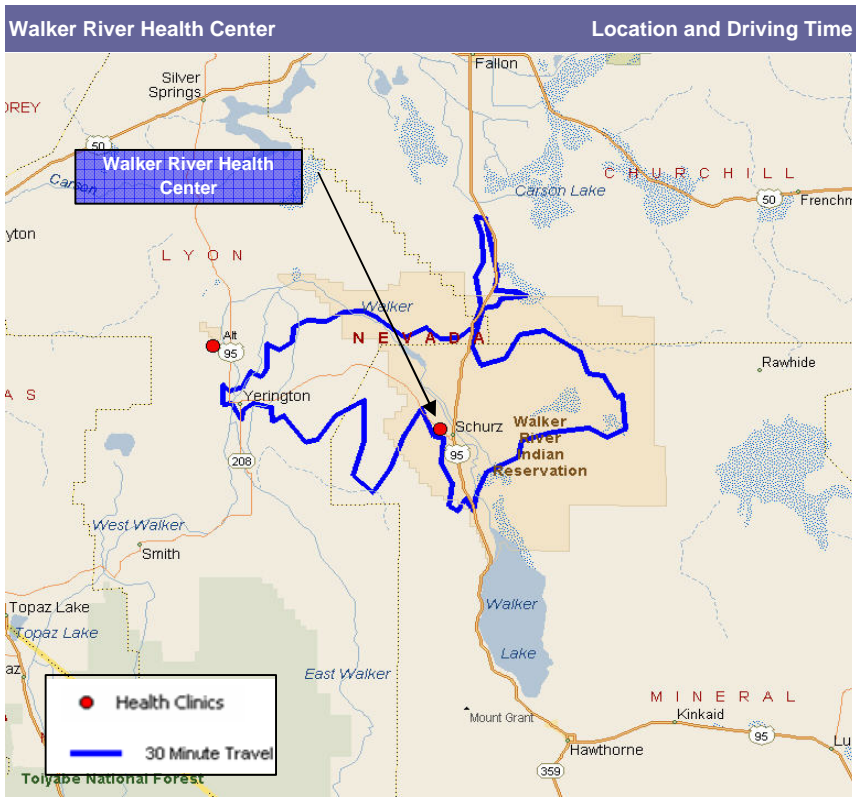
### Resource Allocation

Quantifies the necessary space and key characteristics for the Service Delivery Plan and compares them against existing resources. Also tabulates necessary contract health dollars based on the delivery plan.



Walker River Health Center did not participate in the Delivery Plan phase of the Master Plan. As a result, healthcare delivery options shown represent baseline understanding of what IHS would typically support.

### Executive Summary



Resource Summary			
	Existing	Need	%
Total Gross Sq Mtrs (GSM)	2,715	1,821	149.1%
IHS Supportable GSM	2,715	1,758	154.4%
IHS Parking Spaces	10	60	16.7%
IHS Site (Hectares)	0.1	1.5	6.9%
Recurring IHS Positions vs RRM	10.0	29.9	33.4%
IHS Supportable Space Staff	30.0	42.7	70.3%
Contract Hlth \$	889,176	4,019,414	22.1%

Service Summary	
Primary Care, including	
FP	
Traditional Healing	
Dental, Optometry (VP)	
Podiatry (VP)	
Behavioral Health including	
Ment. Hlth., Soc. Svc.	
Alcohol & S.A.	
Pharmacy (Part Time)	
Preventive Care	
PHN, Nutr, Env. Hlth.	
Adtl. Services (see Delivery Plan)	
CHR, Diabetes,	
Transportation, EMS	
WIC	
Subs. Abuse Trans Care	

#### Primary Care Service Area Communities

Hawthorne, Mina, Round Mountain, Silver Peak, Schurz, Tonopah, Goldfield, Babbit

Population Summary							
2003 User Pop	942	Growth Rate	13.0%	2015 User Pop	1,064		
2015 by Age							
0-14	319	15-44	451	45-64	200	65+	94
Average Age							
Service Area	31.7	Phoenix	26.7	USA	36.0		
Expanded Service Area #1				2015 User Pop	N/A		
Services							
Communities							
Expanded Service Area #2				2015 User Pop	N/A		
Services							
Communities							

New services are identified in red.



## Executive Summary

### Service Area Description

Walker River Health Center, serving the Primary Care Service Area Communities listed to the left, is located in the town of Schurz, NV, approximately 38 miles south of Fallon, NV.

It is a hub of primary care for Native Americans in the Mineral County area. It sends most of its referral workload to Reno, NV and Fallon, NV.

As noted in the Service Summary to the left, Walker River Health Center is planned for as a Small Health Clinic under Small Ambulatory Care Criteria with family practice, dental, behavioral health and supporting ancillary services. New services anticipated for 2015 include new facility, specialty services and telemedicine. There is no extended service area planned, although partnership opportunities for visiting specialties exist to be explored.

### Facility Description

Walker River Health Center's facilities total 2715 square meters, comprised of 5 buildings, all permanent structures, built from 1930 to 2005.

### Services & Resourcing Priorities

1	<i>New Healthcare facility</i>	<p><i>Walker River Health Center did not participate in the Delivery Plan review phase of the Master Plan. As a result, healthcare delivery options shown represent baseline understanding of what IHS would typically support.</i></p>
2	<i>More specialty services</i>	
3	<i>More dental services</i>	
4	<i>More CHS</i>	
5	<i>Telemedicine</i>	
6		
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## Executive Summary

Services & Resourcing Priorities Continued	
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Campus Infrastructure Priorities		
1	<i>Buildings are not set up for ambulatory services</i>	7
2	<i>There is no flow to patient care because of building design</i>	8
3	<i>There is no privacy because of building design</i>	9
4	<i>Main building is very old, administration has to deal with high energy costs</i>	10
5	<i>Building not set up for business services</i>	11
6		12

Functional Deficiencies		
1	<i>Sewage issues, pipes are getting old</i>	7
2	<i>Electrical system, currently does not meet codes or standards</i>	8
3	<i>Pipes for water are getting old and deteriorating</i>	9
4		10
5		11
6		12



### Historical Workloads by Location of Encounter - Native American

Historical Workloads according to RPMS, Contract Health and Questionnaire data.

Discipline	Direct or Tribal Health Care				Contract Health Care				
	2002	2003	2004	Average	2002	2003	2004	Average	% Contract Care
<b>Provider Visits Only</b>					<b>Provider Visits Only</b>				
<b>Primary Care</b>									
Family Practice	4,388	4,195	3,875	4,153	0	0	0	0	0.0%
Internal Medicine	0	0	0	0	0	0	0	0	0%
Pediatric	0	3	10	4	0	0	0	0	0.0%
Ob/Gyn	1	1	2	1	0	0	0	0	0.0%
<b>Emergency Care</b>									
Emergency/Urgent	0	0	0	0	0	0	0	0	0%
ER/Non-urgent	0	0	0	0	0	0	0	0	0%
<b>Specialty Care</b>									
Orthopedics	0	0	0	0	0	0	0	0	0%
Ophthalmology	10	11	10	10	0	0	0	0	0.0%
Dermatology	0	0	0	0	0	0	0	0	0%
General Surgery	0	0	0	0	0	0	0	0	0%
Otolaryngology	0	0	0	0	0	0	0	0	0%
Cardiology	0	0	0	0	0	0	0	0	0%
Urology	0	0	0	0	0	0	0	0	0%
Neurology	0	0	0	0	0	0	0	0	0%
Nephrology	0	0	0	0	0	0	0	0	0%
Allergy	0	0	0	0	0	0	0	0	0%
Pulmonology	0	0	0	0	0	0	0	0	0%
Gerontology	No Provider Codes within RPMS System for these types of Specialist.								
Gastroenterology									
Rheumatology									
Oncology									
Pediatric-Genetics	0	0	0	0	0	0	0	0	0%
Traditional Healing	0	0	0	0	0	0	0	0	0%
<b>Totals</b>	4,399	4,210	3,897	4,169	0	0	0	0	0%
<b>Direct &amp; Tribal Care + Contract Care</b>	4,399	4,210	3,897	4,169					

\* Provider Visits - Document visits to a Physician, Nurse Practitioner, Midwife, and or Physician Assistant.

#### Other Ambulatory Care Services

Dental Service Minutes	39,638	43,014	72,150	51,601	0	0	0	0	0.0%
Optometry Visits	335	316	277	309	0	0	0	0	0.0%
Podiatry Visits	169	182	138	163	0	0	0	0	0.0%
Dialysis Patients	10	10	6	9	0	0	0	0	0.0%
Audiology Visits	57	50	42	50	0	0	0	0	0.0%
<b>Outpatient Behavioral Health</b>									
Mental Health Visits	478	478	478	478	0	0	0	0	0.0%
Psychiatry	0	7	14	7	0	0	0	0	0.0%
Social Services Visits	0	0	0	0	0	0	0	0	0%
Alcohol & Substance Abuse Visits	0	0	0	0	0	0	0	0	0%
<b>BH Visit Totals</b>	478	485	492	485	0	0	0	0	0.0%



### Historical Workloads by Location of Encounter - Native American

Historical Workloads according to RPMS, Contract Health and Questionnaire data.

Discipline	Direct or Tribal Health Care				Contract Health Care					
	2002	2003	2004	Average	2002	2003	2004	Average	% Contract Care	
<b>Inpatient Care</b>										
Labor & Delivery Births	0	0	0	0	0	0	0	0	0%	
Obstetrics Patient Days	0	0	0	0	0	0	0	0	0%	
Neonatology Patient Days	0	0	0	0	0	0	0	0	0%	
Pediatric Patient Days	0	0	0	0	0	0	0	0	0%	
Adult Medical Patient Days										
Cardiology	0	0	0	0	0	0	0	0	0%	
Endocrinology	0	0	0	0	0	0	0	0	0%	
Gastroenterology	0	0	0	0	0	0	0	0	0%	
General Medicine	0	0	0	0	0	0	0	0	0%	
Hematology	0	0	0	0	0	0	0	0	0%	
Nephrology	0	0	0	0	0	0	0	0	0%	
Neurology	0	0	0	0	0	0	0	0	0%	
Oncology	0	0	0	0	0	0	0	0	0%	
Pulmonary	0	0	0	0	0	0	0	0	0%	
Rheumatology	0	0	0	0	0	0	0	0	0%	
Unknown	0	0	0	0	0	0	0	0	0%	
<b>Medical Patient Day Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	
Adult Surgical Patient Days										
Dentistry	0	0	0	0	0	0	0	0	0%	
Dermatology	0	0	0	0	0	0	0	0	0%	
General Surgery	0	0	0	0	0	0	0	0	0%	
Gynecology	0	0	0	0	0	0	0	0	0%	
Neurosurgery	0	0	0	0	0	0	0	0	0%	
Ophthalmology	0	0	0	0	0	0	0	0	0%	
Orthopedics	0	0	0	0	0	0	0	0	0%	
Otolaryngology	0	0	0	0	0	0	0	0	0%	
Thoracic Surgery	0	0	0	0	0	0	0	0	0%	
Urology	0	0	0	0	0	0	0	0	0%	
Vascular Surgery	0	0	0	0	0	0	0	0	0%	
<b>Surgical Patient Day Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	
Psychiatry Patient Days	0	0	0	0	0	0	0	0	0%	
Medical Detox Patient Days	0	0	0	0	0	0	0	0	0%	
Sub Acute/Transitional Care	0	0	0	0	0	0	0	0	0%	
<b>Inpatient Care Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	
<b>Direct &amp; Tribal + Contract Care</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>						
<b>Substance Abuse Non- Acute Care</b>										
Adult Residential Treatment	0	0	0	0				0	0%	
Adol. Residential Treatment	0	0	0	0				0	0%	
SA Transitional Care	0	0	0	0				0	0%	
<b>Substance Abuse Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	
<b>Elder Care</b>										
Skilled Nursing Patients	0	0	0	0				0	0%	
Assisted Living Patients	0	0	0	0				0	0%	
Hospice Patients	0	0	0	0				0	0%	
<b>Nursing Home Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	



### Historical Workloads by Location of Encounter - Native American

Historical Workloads according to RPMS, Contract Health and Questionnaire data.

Discipline	Direct or Tribal Health Care				Contract Health Care				
	2002	2003	2004	Average	2002	2003	2004	Average	% Contract Care
<b>Ancillary Services</b>									
Lab Billable Tests	0	0	0	0				0	0%
Pharmacy Scripts	14,401	14,657	15,363	14,807				0	0.0%
Acute Dialysis Procedures	0	0	0	0				0	0%
Radiographic Exams	0	0	0	0	0	0	0	0	0%
Ultrasound Exams	0	0	0	0				0	0%
Mammography Exams	0	0	0	0				0	0%
Fluoroscopy Exams	0	0	0	0				0	0%
CT Exams	0	0	0	0				0	0%
MRI Exams	0	0	0	0				0	0%
Nuclear Medicine Exams	0	0	0	0				0	0%
Rad. Oncology Treatments	0	0	0	0				0	0%
Chemotherapy Treatments	5	0	0	2				0	0.0%
Physical Therapy Visits	0	0	0	0				0	0%
Occupational Therapy Visits	0	0	0	0				0	0%
Speech Therapy Visits	0	0	0	0				0	0%
Respiratory Therapy	0	0	0	0				0	0%
Cardiac Catheterization	0	0	0	0				0	0%
Home Health Care Patients	0	0	0	0				0	0%
Minor Procedure Cases									
Endoscopy	0	0	0	0	0	0	0	0	0%
Outpatient Surgery Cases									
Cardiovascular	0	0	0	0	0	0	0	0	0%
Digestive	0	0	0	0	0	0	0	0	0%
Endocrine	0	0	0	0	0	0	0	0	0%
ENT	0	0	0	0	0	0	0	0	0%
Gynecology	0	0	0	0	0	0	0	0	0%
Hemic and Lymphatic	0	0	0	0	0	0	0	0	0%
Integument	2	3	0	2	0	0	0	0	0.0%
Musculoskeletal	0	1	0	0	0	0	0	0	0.0%
Nervous	0	0	0	0	0	0	0	0	0%
Ocular	1	0	0	0	0	0	0	0	0.0%
Respiratory	0	0	0	0	0	0	0	0	0%
Urogenital	0	0	0	0	0	0	0	0	0%
<b>OP Surgical Case Total</b>	3	4	0	2	0	0	0	0	0%
Inpatient Surgery Cases	0	0	0	0	0	0	0	0	0%
<b>Surgical Case Total</b>	3	4	0	2	0	0	0	0	0%
<b>Direct &amp; Tribal + Contract Care</b>	3	4	0	2					
EMS - Pre-Hospital Resp.	167	149	223	180				0	0.0%
EMS - Inter Hospital Resp	0	0	0	0				0	0%



## Historical Workloads by Community of Residence - *Native American*

Historical Workloads according to RPMS, Contract Health and Questionnaire data.

Discipline	Direct or Tribal Health Care				Contract Health Care				
	2002	2003	2004	Average	2002	2003	2004	Average	% Contract Care
<b>Provider Visits Only</b>					<b>Provider Visits Only</b>				
<b>Primary Care</b>									
Family Practice	4,282	4,220	3,988	4,163	0	0	0	0	0.0%
Internal Medicine	0	0	0	0				0	0%
Pediatric	10	4	12	9	0	0	0	0	0.0%
Ob/Gyn	2	5	3	3	5	0	0	2	33.3%
<b>Emergency Care</b>									
Emergency/Urgent	1	0	1	1				0	0.0%
ER/Non-urgent	0	0	0	0				0	0%
<b>Specialty Care</b>									
Orthopedics	0	0	0	0	56	0	0	19	100.0%
Ophthalmology	12	11	10	11	9	0	0	3	21.4%
Dermatology	0	0	0	0	1	0	0	0	100.0%
General Surgery	1	0	0	0	41	0	0	14	97.6%
Otolaryngology	0	1	0	0	33	0	0	11	97.1%
Cardiology	0	0	0	0	14	0	0	5	100.0%
Urology	0	0	0	0				0	0%
Neurology	0	0	0	0	10	0	0	3	100.0%
Nephrology	0	0	0	0	7	0	0	2	100.0%
Allergy				0				0	0%
Pulmonology				0				0	0%
Gerontology	No Provider Codes within RPMS System for these types of Specialist.								
Gastroenterology									
Rheumatology									
Oncology									
Pediatric-Genetics				0				0	0%
Traditional Healing	0	0	0	0				0	0%
<b>Totals</b>	<b>4,308</b>	<b>4,241</b>	<b>4,014</b>	<b>4,188</b>	<b>176</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>1.4%</b>
<b>Direct &amp; Tribal Care + Contract Care</b>	<b>4,484</b>	<b>4,241</b>	<b>4,014</b>	<b>4,246</b>					

\* Provider Visits - Document visits to a Physician, Nurse Practitioner, Midwife, and or Physician Assistant.

### Other Ambulatory Care Services

Dental Service Minutes	39,638	43,014	72,150	51,601				0	0.0%
Optometry Visits	340	324	297	320	52	65	41	53	14.1%
Podiatry Visits	144	162	126	144	18	0	0	6	4.0%
Dialysis Patients	10	10	6	9				0	0.0%
Audiology Visits	23	25	25	24	200	174	82	152	86.2%
<b>Outpatient Behavioral Health</b>									
Mental Health Visits	478	478	478	478				0	0.0%
Psychiatry	1	4	15	7	7	0	0	2	25.9%
Social Services Visits	0	0	0	0				0	0%
Alcohol & Substance Abuse Visits	0	0	0	0				0	0%
<b>BH Visit Totals</b>	<b>479</b>	<b>482</b>	<b>493</b>	<b>485</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0.5%</b>



### Historical Workloads by Community of Residence - *Native American*

Historical Workloads according to RPMS, Contract Health and Questionnaire data.

Discipline	Direct or Tribal Health Care				Contract Health Care					
	2002	2003	2004	Average	2002	2003	2004	Average	% Contract Care	
<b>Inpatient Care</b>										
Labor & Delivery Births	0	0	0	0	0	5	0	2	100.0%	
Obstetrics Patient Days	0	0	0	0	0	12	0	4	100.0%	
Neonatology Patient Days	0	0	0	0	0	11	3	5	100.0%	
Pediatric Patient Days	0	0	0	0	0	20	8	9	100.0%	
Adult Medical Patient Days										
Cardiology	0	0	0	0	117	141	21	93	100.0%	
Endocrinology	0	0	0	0	23	0	3	9	100.0%	
Gastroenterology	0	0	0	0	51	55	6	37	100.0%	
General Medicine	0	0	0	0	77	61	63	67	100.0%	
Hematology	0	0	0	0	0	6	0	2	100.0%	
Nephrology	0	0	0	0	29	74	7	37	100.0%	
Neurology	0	0	0	0	38	7	3	16	100.0%	
Oncology	0	0	0	0	14	0	0	5	100.0%	
Pulmonary	0	0	0	0	17	39	3	20	100.0%	
Rheumatology	0	0	0	0	0	0	0	0	0%	
Unknown	0	0	0	0	4	0	0	1	100.0%	
<b>Medical Patient Day Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>370</b>	<b>383</b>	<b>106</b>	<b>286</b>	<b>100.0%</b>	
Adult Surgical Patient Days										
Dentistry	0	0	0	0	0	0	0	0	0%	
Dermatology	0	0	0	0	0	0	2	1	100.0%	
General Surgery	0	0	0	0	138	35	9	61	100.0%	
Gynecology	0	0	0	0	3	3	0	2	100.0%	
Neurosurgery	0	0	0	0	21	0	10	10	100.0%	
Ophthalmology	0	0	0	0	0	0	0	0	0%	
Orthopedics	0	0	0	0	41	36	24	34	100.0%	
Otolaryngology	0	0	0	0	12	0	3	5	100.0%	
Thoracic Surgery	0	0	0	0	0	2	2	1	100.0%	
Urology	0	0	0	0	13	11	0	8	100.0%	
Vascular Surgery	0	0	0	0	0	0	0	0	0%	
<b>Surgical Patient Day Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>228</b>	<b>87</b>	<b>50</b>	<b>122</b>	<b>100.0%</b>	
Psychiatry Patient Days	0	0	0	0	33	57	20	37	100.0%	
Medical Detox Patient Days	0	0	0	0	0	0	0	0	0%	
Sub Acute/Transitional Care	0	0	0	0	0	0	0	0	0%	
<b>Inpatient Care Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>631</b>	<b>570</b>	<b>187</b>	<b>463</b>	<b>100.0%</b>	
<b>Direct &amp; Tribal + Contract Care</b>	<b>631</b>	<b>570</b>	<b>187</b>	<b>463</b>						
<b>Substance Abuse Non- Acute Care</b>										
Adult Residential Treatment	0	0	0	0				0	0%	
Adol. Residential Treatment	0	0	0	0				0	0%	
SA Transitional Care	0	0	0	0				0	0%	
<b>Substance Abuse Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	
<b>Elder Care</b>										
Skilled Nursing Patients	0	0	0	0				0	0%	
Assisted Living Patients	0	0	0	0				0	0%	
Hospice Patients	0	0	0	0				0	0%	
<b>Nursing Home Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0%</b>	



### Historical Workloads by Community of Residence - *Native American*

Historical Workloads according to RPMS, Contract Health and Questionnaire data.

Discipline	Direct or Tribal Health Care				Contract Health Care				
	2002	2003	2004	Average	2002	2003	2004	Average	% Contract Care
<b>Ancillary Services</b>									
Lab Billable Tests	0	0	0	0				0	0%
Pharmacy Scripts	14,401	14,657	15,363	14,807				0	0.0%
Acute Dialysis Procedures	0	0	0	0				0	0%
Radiographic Exams	0	0	0	0	1,397	1,280	756	1,144	100.0%
Ultrasound Exams	0	0	0	0				0	0%
Mammography Exams	0	0	0	0				0	0%
Fluoroscopy Exams	0	0	0	0				0	0%
CT Exams	0	0	0	0				0	0%
MRI Exams	0	0	0	0				0	0%
Nuclear Medicine Exams	0	0	0	0				0	0%
Rad. Oncology Treatments	0	0	0	0				0	0%
Chemotherapy Treatments	3	0	0	1				0	0.0%
Physical Therapy Visits	0	0	0	0				0	0%
Occupational Therapy Visits	0	0	0	0				0	0%
Speech Therapy Visits	0	0	0	0				0	0%
Respiratory Therapy	0	0	0	0				0	0%
Cardiac Catheterization	0	0	0	0				0	0%
Home Health Care Patients	0	0	0	0				0	0%
Minor Procedure Cases									
Endoscopy	0	0	0	0	0	0	0	0	0%
Outpatient Surgery Cases									
Cardiovascular	0	0	0	0	0	0	0	0	0%
Digestive	0	0	0	0	0	0	0	0	0%
Endocrine	0	0	0	0	0	0	0	0	0%
ENT	0	0	0	0	0	0	0	0	0%
Gynecology	1	0	0	0	0	0	0	0	0.0%
Hemic and Lymphatic	0	0	0	0	0	0	0	0	0%
Integument	2	3	0	2	0	0	0	0	0.0%
Musculoskeletal	0	1	0	0	0	0	1	0	50.0%
Nervous	0	0	0	0	0	0	0	0	0%
Ocular	1	0	0	0	0	0	0	0	0.0%
Respiratory	0	0	0	0	0	0	0	0	0%
Urogenital	0	0	0	0	0	0	0	0	0%
<b>OP Surgical Case Total</b>	4	4	0	3	0	0	1	0	11%
Inpatient Surgery Cases	0	0	0	0	55	27	20	34	100.0%
<b>Surgical Case Total</b>	4	4	0	3	55	27	21	34	93%
<b>Direct &amp; Tribal + Contract Care</b>									
	59	31	21	37					
EMS - Pre-Hospital Resp.									
	167	149	223	180				0	0.0%
EMS - Inter Hospital Resp									
	0	0	0	0				0	0%



































